

	<b>L #</b>	<b>Hits</b>	<b>Search Text</b>	<b>DBs</b>
<b>1</b>	<b>L1</b>	<b>774</b>	<b>(count\$3 or number) near5 (link or node or connections) near5 (manager or management) near5 (node or link or device)</b>	<b>US-PGPUB; USPAT; EPO; JPO; IBM_TDB</b>
<b>2</b>	<b>L3</b>	<b>32</b>	<b>2 and (@ad&lt;"20000517" or @prad&lt;"20000517")</b>	<b>US-PGPUB; USPAT; EPO; JPO; IBM_TDB</b>
<b>3</b>	<b>L2</b>	<b>46</b>	<b>(count\$3 or number) near5 (link or node or connections) near5 (manager or management) near5 (node or link or device) near5 (between or from)</b>	<b>US-PGPUB; USPAT; EPO; JPO; IBM_TDB</b>
<b>4</b>	<b>L4</b>	<b>46</b>	<b>(count\$3 or number) near5 (hop or link or node or connections) near5 (manager or management) near5 (node or link or device) near5 (between or from)</b>	<b>US-PGPUB; USPAT; EPO; JPO; IBM_TDB</b>
<b>5</b>	<b>L6</b>	<b>46</b>	<b>(chisholm or duncan or stevenson or grandin or gray).in. and topology and network and cause and management</b>	<b>US-PGPUB; USPAT; EPO; JPO; IBM_TDB</b>

	<b>L #</b>	<b>Hits</b>	<b>Search Text</b>	<b>DBs</b>
<b>1</b>	<b>L1</b>	<b>215</b>	<b>trunk and downstream and event and manager and topology</b>	<b>US-PGPUB; USPAT; EPO; JPO; IBM_TDB</b>
<b>2</b>	<b>L2</b>	<b>123</b>	<b>1 and (@ad&lt;"20000517" or @prad&lt;"20000517")</b>	<b>US-PGPUB; USPAT; EPO; JPO; IBM_TDB</b>
<b>3</b>	<b>L3</b>	<b>214</b>	<b>root and downstream and event and manager and topology</b>	<b>US-PGPUB; USPAT; EPO; JPO; IBM_TDB</b>
<b>4</b>	<b>L4</b>	<b>171</b>	<b>3 not 1</b>	<b>US-PGPUB; USPAT; EPO; JPO; IBM_TDB</b>
<b>5</b>	<b>L5</b>	<b>46</b>	<b>4 and (@ad&lt;"20000517" or @prad&lt;"20000517")</b>	<b>US-PGPUB; USPAT; EPO; JPO; IBM_TDB</b>
<b>6</b>	<b>L6</b>	<b>1</b>	<b>("2001/0051937").URPN.</b>	<b>USPAT</b>
<b>7</b>	<b>L7</b>	<b>0</b>	<b>("2001/0014886").URPN.</b>	<b>USPAT</b>
<b>8</b>	<b>L8</b>	<b>2</b>	<b>("6598033").URPN.</b>	<b>USPAT</b>
<b>9</b>	<b>L9</b>	<b>2</b>	<b>("6356885").URPN.</b>	<b>USPAT</b>
<b>10</b>	<b>L10</b>	<b>13</b>	<b>("5159685"   "5261044"   "5295244"   "5309448"   "5388189"   "5436909"   "5504921"   "5559955"   "5646864"   "5692106"   "5777549"   "5905715"   "6006016").PN.</b>	<b>US-PGPUB; USPAT; USOCR</b>
<b>11</b>	<b>L11</b>	<b>45</b>	<b>"5309448"</b>	<b>US-PGPUB; USPAT; USOCR</b>
<b>12</b>	<b>L12</b>	<b>2418</b>	<b>(root adj2 cause or trunk or bottleneck) and (event or alarm) and topology and manag\$5</b>	<b>US-PGPUB; USPAT; EPO; JPO; IBM_TDB</b>
<b>13</b>	<b>L13</b>	<b>2418</b>	<b>12 and ((root adj2 cause trunk bottleneck event alarm topology manag\$5))</b>	<b>US-PGPUB; USPAT; EPO; JPO; IBM_TDB</b>

	<b>L #</b>	<b>Hits</b>	<b>Search Text</b>	<b>DBs</b>
<b>14</b>	<b>L14</b>	<b>948</b>	<b>12 and ((root adj2 cause trunk bottleneck event alarm topology manag\$5)).ti,ab.</b>	<b>US-PGPUB; USPAT; EPO; JPO; IBM_TDB</b>
<b>15</b>	<b>L15</b>	<b>807</b>	<b>14 and (distance or number or path or shortest or route) near5 (link or device or node or manager or management)</b>	<b>US-PGPUB; USPAT; EPO; JPO; IBM_TDB</b>
<b>16</b>	<b>L16</b>	<b>345</b>	<b>14 and (distance or number or path or shortest or route) near5 (link or device or node or manager or management) with (from or between)</b>	<b>US-PGPUB; USPAT; EPO; JPO; IBM_TDB</b>
<b>17</b>	<b>L17</b>	<b>192</b>	<b>16 and (@ad&lt;"20000517" or @prad&lt;"20000517")</b>	<b>US-PGPUB; USPAT; EPO; JPO; IBM_TDB</b>
<b>18</b>	<b>L18</b>	<b>184</b>	<b>17 not 2 not 5 not 10 not 11</b>	<b>US-PGPUB; USPAT; EPO; JPO; IBM_TDB</b>
<b>19</b>	<b>L19</b>	<b>16</b>	<b>18 and (709/223-224.ccls or 714/4.ccls. or 370/241-248.ccls.)</b>	<b>US-PGPUB; USPAT; EPO; JPO; IBM_TDB</b>

IEEE Search:

(root <near/2> cause or trunk or bottleneck) and (event or alarm) and topology - 12 hits

(root <near/2> cause or trunk or bottleneck or event or alarm) and topology and (distance or number or path or shortest or route) <near/5> (link or device or node or manager or management) - 59 hits

(fault or error or failure or event or alarm or fail) <near/4> (cause or causation or causal or bottleneck or trunk) and network <near/4> (manag\* or monitor\*) - 32 hits

topology and network and manager and (event or alarm or failure or fail or fault) and (cause or causal or causation) - 0 hits

topology and network and (manag\* or monitor\*) and (event or alarm or failure or fail or fault) and (cause or causal or causation) - 9 hits

topology and network and (event or alarm or failure or fail or fault) and ((root or underlying) <near/2> cause or source or trunk\* or bottleneck) - 72 hits

ProQuest Search:

(root w/2 cause or trunk or bottleneck) and (event or alarm) and topology - 58 hits

("root cause" or "event correlation") and topology and (shortest or distance or number or amount or many) w/4 (link or node or device or connection) - 18 hits

tivoli and ("root cause" or "event correlation" or "fault correlation") and topology - 29 hits

openview and ("root cause" or "event correlation" or "fault correlation") and topology - 44 hits

(count\* or number) w/5 (link or node or connections) w/5 (manager or management) w/5 (node or link or device) w/5 (between or from) - 21 hits

Google Search:

"root cause" "event correlation" topology - 9 hits